

To: Dickerson, Dave[dickerson.dave@epa.gov]
From: Lederer, Dave
Sent: Mon 8/7/2017 8:32:31 PM
Subject: FW: AVX Submittal of 6-30-2017 Phase 3 for Aerovox Site
Revised Phase III RAP ORD Comments DRAFT.docx

Here you go....

From: Ford, Robert
Sent: Monday, August 07, 2017 8:59 AM
To: Lederer, Dave <Lederer.Dave@epa.gov>
Cc: Dickerson, Dave <dickerson.dave@epa.gov>
Subject: RE: AVX Submittal of 6-30-2017 Phase 3 for Aerovox Site

Sorry, the attachment I sent last Friday was ORD comments from 2016 review. This time I attached my comments from the 2017 revised Phase III RAP.

However, this was a reminder that the groundwater flow model was previously identified as a source of uncertainty for remedy selection.

Robert Ford

USEPA Office of Research & Development

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Cincinnati, OH 45268

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From: Lederer, Dave
Sent: Friday, August 04, 2017 4:42 PM
To: Ford, Robert <Ford.Robert@epa.gov>
Cc: Dickerson, Dave <dickerson.dave@epa.gov>
Subject: FW: AVX Submittal of 6-30-2017 Phase 3 for Aerovox Site

Thanks so much, Rob. I will be in touch after I speak to Dave Dickerson. I am guessing we will be able to find a slot to discuss.

Dave D—want to suggest a time?

From: Ford, Robert
Sent: Friday, August 04, 2017 3:46 PM
To: Lederer, Dave <Lederer.Dave@epa.gov>
Cc: Dickerson, Dave <dickerson.dave@epa.gov>
Subject: RE: AVX Submittal of 6-30-2017 Phase 3 for Aerovox Site

Hi Dave,

Attached is a draft version of my review comments. The attached document also includes review notes that I do not intend to include in a final, draft version.

The biggest issue I find to be problematic at this point is the degree of reliance on the accuracy of modeled groundwater flow. Specifically, the current model indicates that half of the water exchange between the overburden-bedrock aquifer underlying the site and the Acushnet River takes place through bedrock. For me, this does not conceptually align with their presentation of the mapped fracture network.

I know that the reliability of the groundwater model has been criticized previously. To what degree has the model been subjected to review and validation? While it may be late in the game for this step, it appears that the results of groundwater flow modeling exert dominant control on the remedy evaluation. For example, full containment of the overburden aquifer is projected to be unsuccessful, since 50% of all site groundwater is modeled as passing through bedrock. Generally, I find this difficult to believe, although I am willing to be proven wrong.

Can we schedule a time next week on Monday, Tuesday or Wednesday to discuss?

Robert Ford

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From: Lederer, Dave

Sent: Saturday, July 08, 2017 8:10 AM

To: Ford, Robert <Ford.Robert@epa.gov>

Cc: Dickerson, Dave <dickerson.dave@epa.gov>

Subject: FW: AVX Submittal of 6-30-2017 Phase 3 for Aerovox Site

Hi Robert—I spoke to the MassDEP. Our initial deadline is August 11. If you could get us your thoughts maybe by 8/4 that would give us time to integrate them with everyone else's. If this is too tight a schedule or if you have other constraints or problems, please let us know. Thanks!

Dave

From: Lederer, Dave

Sent: Friday, July 07, 2017 12:04 PM

To: 'Gallagher, Angela (DEP)' <Angela.Gallagher@MAssMail.State.MA.US>; 'Martin, Gerard (DEP)' <Gerard.Martin@MassMail.State.MA.US>

Cc: Dickerson, Dave <dickerson.dave@epa.gov>; Wolf, Steven NAE <Steven.Wolf@usace.army.mil>

Subject: AVX Submittal of 6-30-2017 Phase 3 for Aerovox Site

Hi Angela:

Just to memorialize our conversation, EPA is of course very interested in commenting on the above subject document.

Per our conversation we will aim to comment to MassDEP by August 11, 2017. Vacation schedules might require a little more time but

We will aim for 8/11.

Thanks

David Lederer

Team Leader,

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US EPA, Region I

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